

### Abstract of the Disclosure

In a voice interception system, a voice is intercepted by applying a function of a vocoder (9-1) installed in a voice signal processor (3-1) to a

5 mobile switching station (2). The above-mentioned function implies the functions of a conversion between an ATM cell of an AAL2pf, an AAL2 and an AAL1 (PCM) and a conversion between an ATM cell of an AAL2pf and an AAL1 (TFO) in a TFO case. The ATM cell of the AAL2

10 in the ATM network is picked up from an ATM switch (2-2) and it is intercepted. In particular, if a voice CODEC method referred to as TFO is used, the above-mentioned functions are applied to a voice monitor (2-

5). Accordingly, a voice during a telephone call

15 between mobile stations is intercepted. A path connection around the voice monitor (2-5) in an exchange is carried out at an initially setting stage of the exchange. Thus, it is possible to provide a voice interception system that can carry out a voice

20 interception only by controlling the ATM switch (2-2) without any individual control of the ATM switch (2-2) and an STM switch (6).